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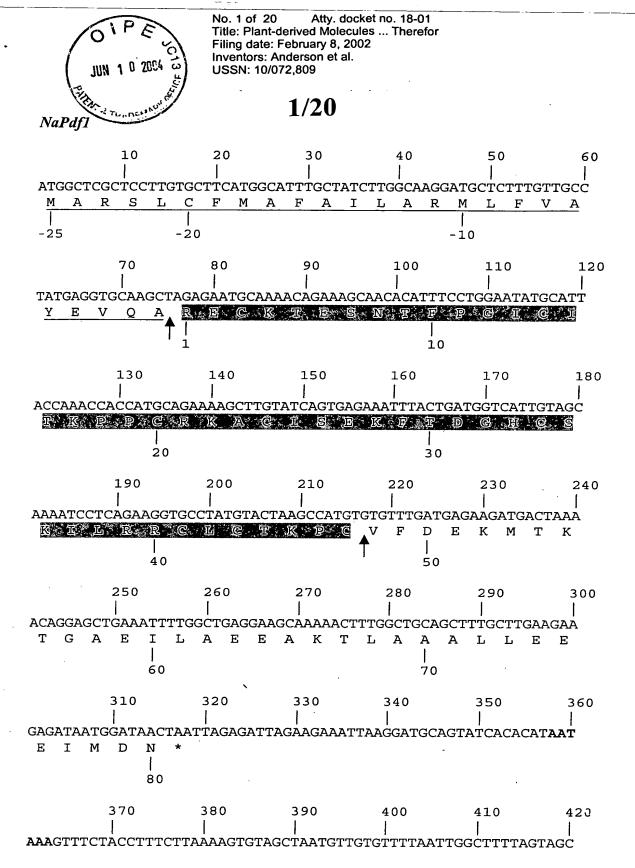


Figure 1

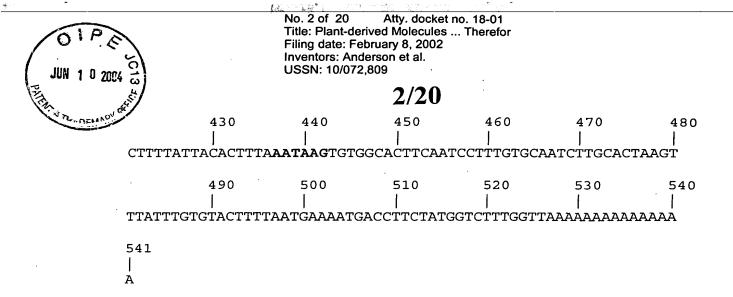


Figure 1 continued



No. 3 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

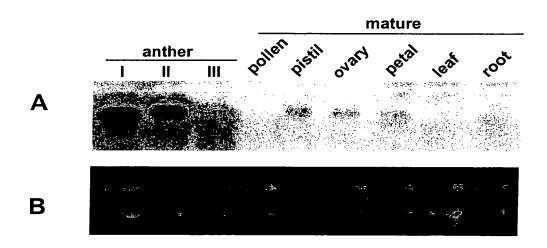


Figure 2



No. 4 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

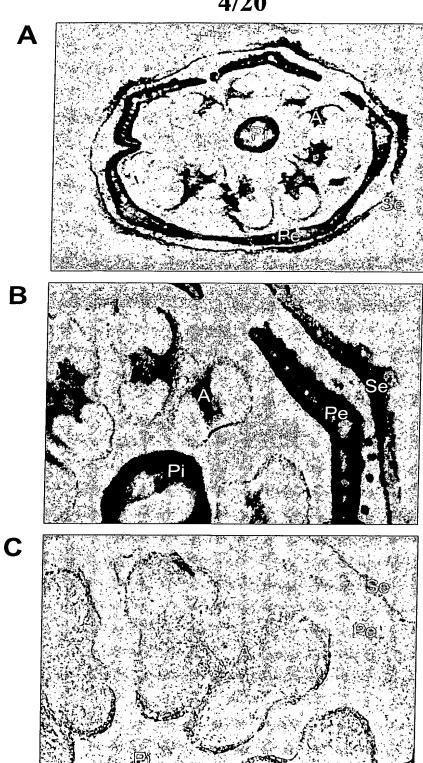
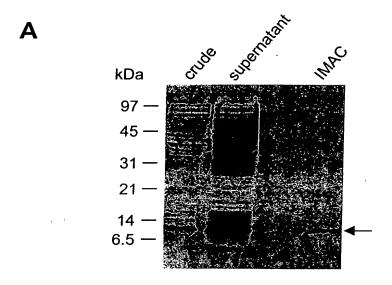


Figure 3



No. 5 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809



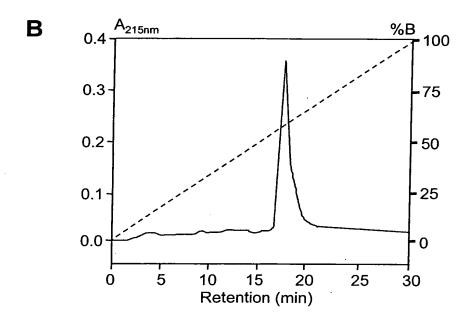


Figure 4



No. 6 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

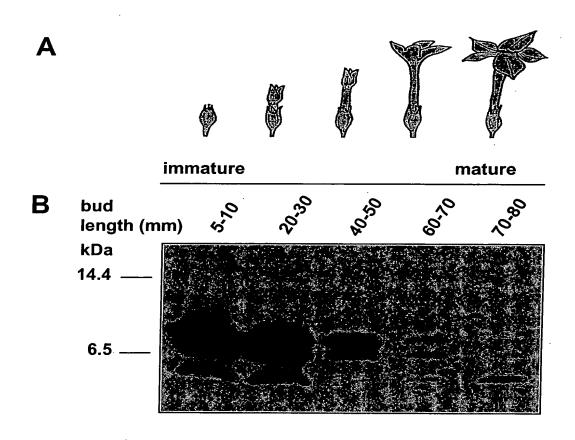
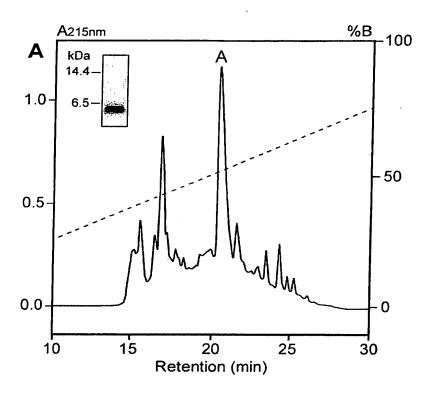


Figure 5



No. 7 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809



	Peak A
Protein	NaPdf1
% Acetonitrile	30.7
N-terminal sequence	RExKTESN
Predicted mass (Da)	5296.0
Observed mass (Da)	5296.7

Figure 6



No. 8 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

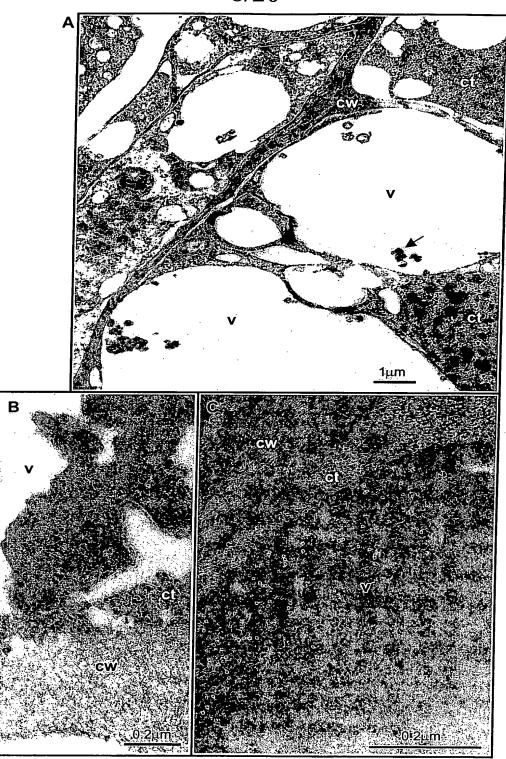
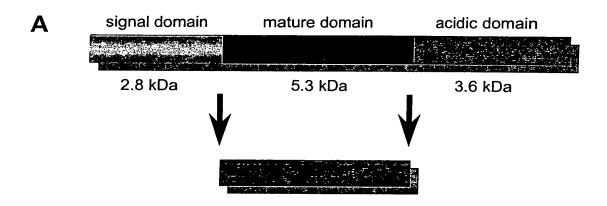


Figure 7



No. 9 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809



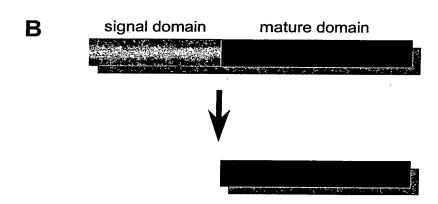


Figure 8

No. 10 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

10/20

		·
NaPdf1	(<400>18)	MARSLCFMAFAILAMMLFVAYEVQA-RECKTESNTFPGICITKPP
FST	(<400>20)	MARSLCFMAFAILAMMLFVAYEVQA-RECKTESNTFPGICITKPP
TTP3	(<400>21)	MARSIFFMAFLVLAMMLFVTYEVEAQQICKAPSQTFPGLCFMDSS
NTS13	(<400>22)	MANSMRFFATVLLIALLVTATEMGPMTIAEA-RTCESQSHRFKGPCSRDSN
PPT	(<400>23)	MGRSIRLFATFFLIAMLFLSTEMGPMTSAEA-RTCESQSHRFHGTCVRESN
ATPIIIa	(<400>24)	MKLSMRLISAVLIMFMIFVATGMGPVT-VEA-RTCESQSHRFKGTCVSASN
NaPdf1	CRKACISEKFTD	GHCSKILRRCLCTKPCVFDEKMTKTGAEILAEEAKTLAAALLEEEIMDN
FST	CRKACISEKFTD	GHCSKLLRRCLCTKPCVFDEKMIKTGAETLVEEAKTLAAALLEEEIMDN
TTP3		GHCSKLQRKCLCTKPCVFDKISSEVKA-TLGEEAKTLSEVVLEEEIMME
NTS13	CATVCLTEGFSG	GRCPWIPPRCFCTSPC
PPT	CASVCQTEGFIG	GNCRAFRRCFCTRNC
ATPIIIa	CANVCHNEGFVG	GNCRGFRRRCFCTRHC

Figure 9



No. 11 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

Nicotiana alata	NaPdf1	-REC-KTESNTFF-GICITKPPCRKACTS-RKFTTCH-CSK II BB CI CHARA	
Nicotiana tabacum	FST	-REC-KTESNTFP-GICITKPPCRKACTS-RKFTDGH-CSKIIBDGT CTKD-	(<400>8)
Lycopersicon esculentum TPP3	TPP3	-QIC-KAPSOTPP-GLCFMDSSCRKYCTK-EKFFFG9H-CSK-1OPFG-CAFF	(<400>25)
Solanum tuberosum	P322	-RHC-ESLSHRFK-GPCTRDSNCASVCFT-RRFSGGN-CHC-B DDD-GGCTA	(<400>26)
Petunia inflata	PPT	-RIC-ESOSHRFH-GICVRESNCASVCOT-RGFTGGN-CDA-E-DDD-GCDAS	(<400>27)
Glycine max	SE60	-RVC-ESQSHGFH-GLCNRDHNCALVCRNE-G-FSGGRCKG-F-DDDGCPCT-G-	(<400>28)
Hordeum vulgare	γ1-н	-RIC-RRRSAGFK-GPCVSNKNCAOVCMOR-G-WGGGNCTG DI DD CXCMPD	(<400>29)
Sinapis alba	M2A	POKLC-ORPSGTWS-GVCGNNNACRNOCTNT FKAPHCS-CNVIPPAHISCTCWFF	(<400>30)
Solanum tuberosum	PTH-Stl	-RNC-ESLSHRFK-GPCTRDSNC	(<400>31)
Raphanus sativus	Rs-AFP1	POKIC-ERPSGTWS-GVCGNNNACKNOCINLEKARHGS-CNVVFDAUKGTCVEDG	(<400>32)
Raphanus sativus	Rs-AFP2	PQKLC-QRPSGTWS-GVCGNNNACKNOCTRI.EKARHGG-CNVVVERAUSCI.EFC	(<400>33)
Sinapis alba	M1	POKLC-ERPSGTWS-GVCGNNNACKNOCTNT. EKRAPHGG-NNAMBATIKGT GWARD	(<400>34)
Sinapis alba	M2B	POKLC-ARPSGTWSSGNCRNNNACRNFCTKT. FKSRHGS-CNT DEDGNXCT CYFFC.	(<400>35)
Triticum turgidium	71-P	-KIC-RRRSAGFK-GPCMSNKNCAOVCOOR-G-WGGGNODG PEPPGGTTDG	(<400>36)
Triticum turgidium	72-P	-KVC-RORSAGFK-GPCVSDKNCAOVCTOF-G-WCCCNCDG-FFRKCACLKQC-	(<400>37)
Vigna unguiculata	10kDa	-KTC-ENLVDTVR-GPCFFFFGCCDDDCXXXVDUII COD CD	(<400>38)
Sorghum bicolor	SIa2	-RVC-MGKSAGFK-GI.CMPHONICHOFF G. G. C.	(<400>39)
Sorghum bicolor	SIa3	-RVC-RRRSAGFK-CT. CMSDIMONOVICTOR CHARGEST CONTROL CON	(<400>40)
Dalia merckii	Dm-AMP2	- EVC-EKASKTWS- ANGANTANG WGGGNCDG VIRQCKCIRQCW - EVC-EKASKTWS- ANGANTANG-	(<400>41)
Sorghum bicolor	Sial	- RVC-MKGSOHHS-RDCTchol Component and an analysis and an analy	(<400>42)
Pisum sativum	P1230	-NTC-ENLAGSYK-GVCFGCCDDCCDGGATGGT CHLRYCRCQKAC-	(<400>43)
Aesculus hippocastanum	Ah-AMP1		(<400>44)
Heuchera sanguinea	Hs-AFP1	- KI.CDVPSGTWS-GUCGSSWOODSGWDWEKASHGA-CHKRENHWKCFCYFNC-	(<400>45)
Dalia merckii	Dm-AMP1	- FI.C. FRA SYTHIS CINCONTOTIONNO STREETS STORES STORES OF THE SYNCERORY OF THE STREET STORES OF THE STREETS STORES OF THE STREETS STORES OF THE STREETS STORES OF THE STREETS STORES OF THE STREET STORES OF THE STREET STREETS STORES OF THE STREETS STORES OF THE STREET STREETS STORES OF THE STREET STREETS OF THE STREETS O	(<400>46)
Pisum sativum	P139	-NTC-EHIJADIVA-GWOETHAN COMMONICANAMITACA CHVRNGKHMCFCYFNC-	(<400>47)
Clitoria ternatea	Ct-AMP1	-NICERPACTIFIED CONCOMPOSITION CONTRACTION CONTRACTIONS DWKCFCTQNC-	(<400>48)
		EIGGELT - GNCGNIGACDIQCKNWESAKHGA-CHKRGN-WKCFCYFNC-	(<400>49)



No. 12 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

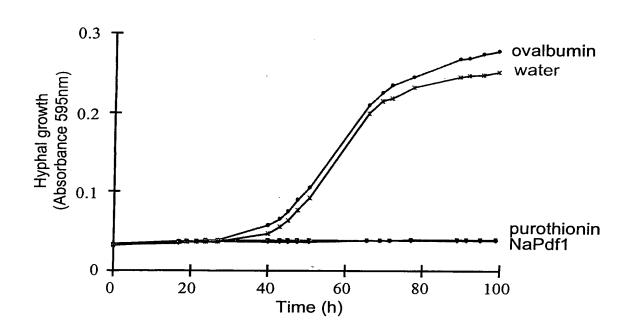
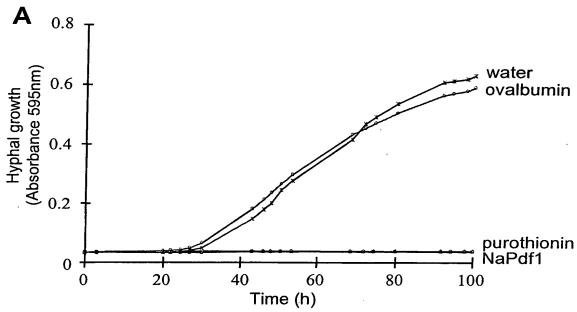


Figure 11



No. 13 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filling date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809



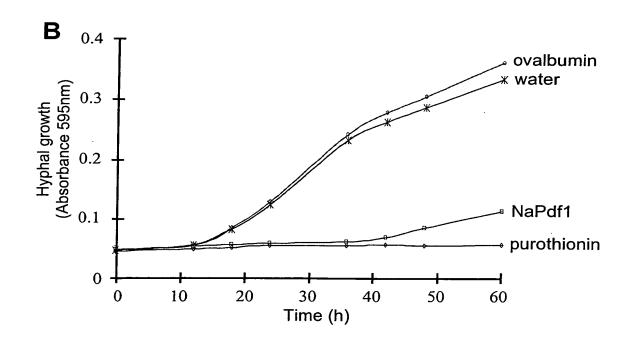


Figure 12



No. 14 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

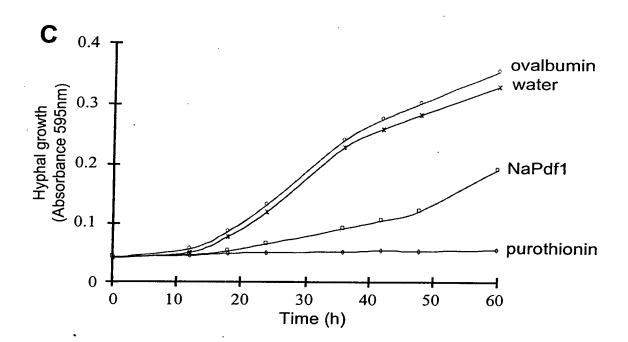


Figure 12 continued



No. 15 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

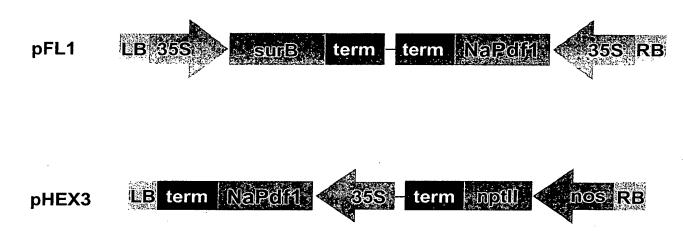


Figure 13



No. 16 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

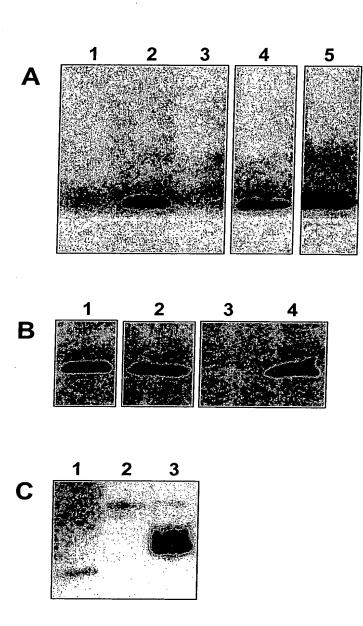
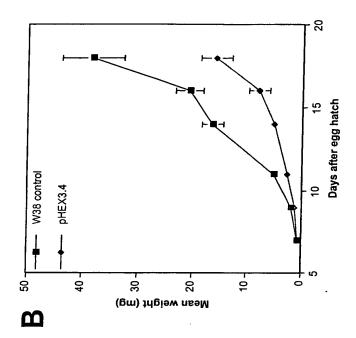


Figure 14

H. punctigera bioassay with transgenic tobacco

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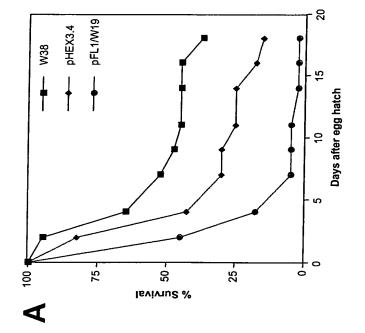
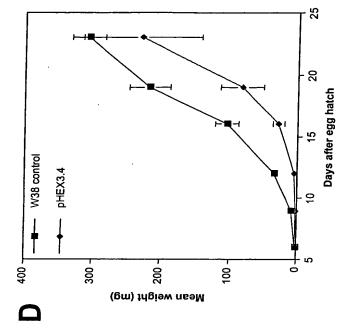


Figure 15

H. armigera bioassay with transgenic tobacco

No. 18 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809



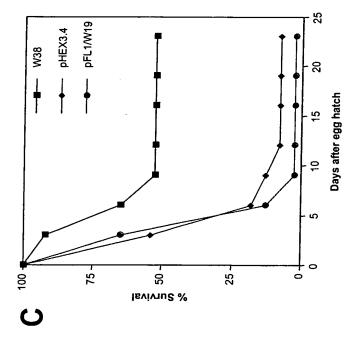


Figure 15 continued



No. 19 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

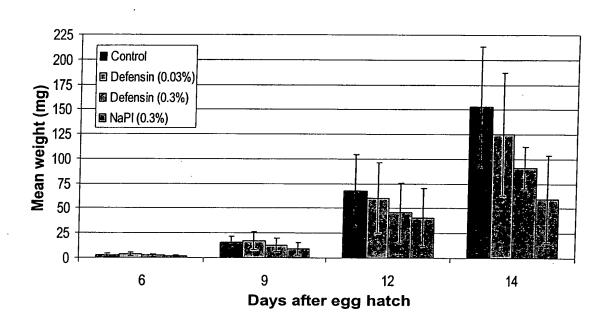


Figure 16



No. 20 of 20 Atty. docket no. 18-01 Title: Plant-derived Molecules ... Therefor Filing date: February 8, 2002 Inventors: Anderson et al. USSN: 10/072,809

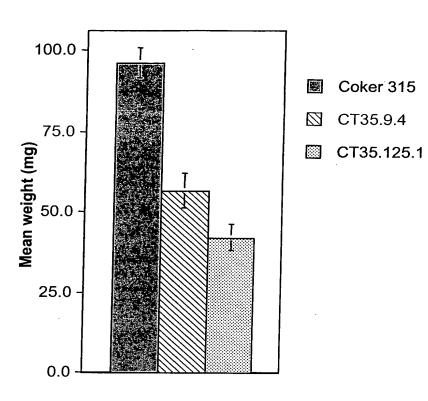


Figure 17